

BIODEGRADABLE HEAT-SHRINKABLE FILM

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Inventors:

- KURAMOTO YOSHIHIRO
- TSUCHIDA TOMOHISA

Applicants

- OKURA IND CO LTD

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Abstract:

PROBLEM TO BE SOLVED: To provide a transparent biodegradable heat-shrinkable film excellent in shrink properties necessary for heat-shrink packaging, particularly in low temperature shrink properties.

SOLUTION: There is provided a film obtained by stretching at least uniaxially a film obtained from a composition comprising 25-70 pts.wt. of an aliphatic polyester (A) synthesized mainly from a glycol and an aliphatic dibasic acid or a derivative thereof and 75-30 pts.wt. of a polylactic acid (B) consisting of L-lactic acid and D-lactic acid in the ratio of 94:6-79:21, which film has a shrinkage factor of at least 20% in at least one direction of MD and TD directions of the film after immersed in glycerol at 90°C for 30 sec.